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Sheet 1 of 1

| Complete if Known | |
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| Application Number | 10/664,295 |
| Filing Date | September 17, 2003 |
| First Named Inventor | Toshiki HIRANO |
| Art Unit | 2851 |
| Examiner Name | N. Figueroa |
| Attorney Docket Number | HSJ920030073US1 |

**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No.[1] | Document Number — Number-Kind Code[2] (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|---|---|---|---|---|---|
| | 2 | US- 4,532,802 | 08-06-1985 | Yeack-Scranton et al. | |
| | 3 | US- 6,092,412 | 07-25-2000 | Flechsig et al. | |
| | 4 | US- 5,581,021 | 12-03-1996 | Flechsig et al. | |
| | 5 | US- 4,868,447 | 09-19-1989 | Lee et al. | |
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**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No.[1] | Foreign Patent Document — Country Code[3] Number[4] Kind Code[5] (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T[6] |
|---|---|---|---|---|---|---|
| WAA | 6 | JP 03 105763 | 05-02-1991 | Maruyama Fuminobu | | |
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Examiner Signature: [signature] Date Considered: June 2nd 2005

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